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10/07 1600

Serial Number: 10/057,532A **ENTERED** Processing Date: 10/15/2002  
 Edited by: \_\_\_\_\_  
 Verified by: \_\_\_\_\_ (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line. 1645
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file;  
☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☒ Other: corrected <1507 and <1517 placement  
Seq 2 - corrected amino acid nos.

RECEIVED

OCT 25 2002

TECH CENTER 1600/2900

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

# 11



1600

## RAW SEQUENCE LISTING

DATE: 10/18/2002

PATENT APPLICATION: US/10/057,532A

TIME: 15:34:42

Input Set : A:\PTO.AMC.TXT

Output Set: N:\CRF4\10182002\J057532A.raw

RECEIVED

OCT 25 2002

TECH CENTER 1600/2900

4 <110> APPLICANT: Lyon, Jeffrey A.  
 5 Angov, Evelina  
 6 Cohen, Joe D.  
 7 Voss, Gerald  
 9 <120> TITLE OF INVENTION: Recombinant P. falciparum Merozoite Protein-142 Vaccine  
 11 <130> FILE REFERENCE: 003/238/SAP  
 13 <140> CURRENT APPLICATION NUMBER: US 10/057,532A  
 14 <141> CURRENT FILING DATE: 2002-01-25  
 16 <150> PRIOR APPLICATION NUMBER: US 60/264,535  
 17 <151> PRIOR FILING DATE: 2001-01-26  
 19 <150> PRIOR APPLICATION NUMBER: US 60/347,564  
 20 <151> PRIOR FILING DATE: 2001-10-26  
 23 <160> NUMBER OF SEQ ID NOS: 12  
 25 <170> SOFTWARE: Apple Macintosh Microsoft Word 6.0  
 27 <210> SEQ ID NO: 1  
 28 <211> LENGTH: 546  
 29 <212> TYPE: PRT  
 30 <213> ORGANISM: Artificial sequence

W--&gt; 31 &lt;220&gt; FEATURE:

32 <223> OTHER INFORMATION: E. coli expressed P. falciparum MSP142 (3D7) Protein Sequence  
 in pET-Trx42

W--&gt; 33 &lt;400&gt; SEQUENCE: 1

34 Met Ser Asp Lys Ile Ile His Leu Thr Asp  
 35 1 5 10  
 36 Asp Ser Phe Asp Thr Asp Val Leu Lys Ala  
 37 15 20  
 38 Asp Gly Ala Ile Leu Val Asp Phe Trp Ala  
 39 25 30  
 40 Glu Trp Cys Gly Pro Cys Lys Met Ile Ala  
 41 35 40  
 42 Pro Ile Leu Asp Glu Ile Ala Asp Glu Tyr  
 43 45 50  
 44 Gln Gly Lys Leu Thr Val Ala Lys Leu Asn  
 45 55 60  
 46 Ile Asp Gln Asn Pro Gly Thr Ala Pro Lys  
 47 65 70  
 48 Tyr Gly Ile Arg Gly Ile Pro Thr Leu Leu  
 49 75 80  
 50 Leu Phe Lys Asn Gly Glu Val Ala Ala Thr  
 51 85 90  
 52 Lys Val Gly Ala Leu Ser lys Gly Gln Leu  
 53 95 100  
 54 Lys Glu Phe Leu Asp Ala Asn Leu Ala Gly  
 55 105 110

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/057,532A

DATE: 10/18/2002  
 TIME: 15:34:42

Input Set : A:\PTO.AMC.TXT  
 Output Set: N:\CRF4\10182002\J057532A.raw

```

56 Ser Gly Ser Gly His Met His His His His
57                               115           120
58 His His Ser Ser Gly Leu Val Pro Arg Gly
59                               125           130
60 Ser Gly Met Lys Glu Thr Ala Ala Ala Lys
61                               135           140
62 Phe Glu Arg Gln His Met Asp Ser Pro Asp
63                               145           150
64 Leu Gly Thr Asp Asp Asp Lys Ala Met
65                               155           160
66 Ala Asp Ile Gly Ser Ile Glu Gly Arg Gly
67                               165           170
68 Thr Met Ala Ile Ser Val Thr Met Asp Asn
69                               175           180
70 Ile Leu Ser Gly Phe Glu Asn Glu Tyr Asp
71                               185           190
72 Val Ile Tyr Leu Lys Pro Leu Ala Gly Val
73                               195           200
74 Tyr Arg Ser Leu Lys Lys Gln Ile Glu Lys
75                               205           210
76 Asn Ile Phe Thr Phe Asn Leu Asn Leu Asn
77                               215           220
78 Asp Ile Leu Asn Ser Arg Leu Lys Lys Arg
79                               225           230
80 Lys Tyr Phe Leu Asp Val Leu Glu Ser Asp
81                               235           240
82 Leu Met Gln Phe Lys His Ile Ser Ser Asn
83                               245           250
84 Glu Tyr Ile Ile Glu Asp Ser Phe Lys Leu
85                               255           260
86 Leu Asn Ser Glu Gln Lys Asn Thr Leu Leu
87                               265           270
88 Lys Ser Tyr Lys Tyr Ile Lys Glu Ser Val
89                               275           280
90 Glu Asn Asp Ile Lys Phe Ala Gln Glu Gly
91                               285           290
92 Ile Ser Tyr Tyr Glu Lys Val Leu Ala Lys
93                               295           300
94 Tyr Lys Asp Asp Leu Glu Ser Ile Lys Lys
95                               305           310
96 Val Ile Lys Glu Glu Lys Glu Lys Phe Pro
97                               315           320
98 Ser Ser Pro Pro Thr Thr Pro Pro Ser Pro
99                               325           330
100 Ala Lys Thr Asp Glu Gln Lys Lys Glu Ser
101                               335           340
102 Lys Phe Leu Pro Phe Leu Thr Asn Ile Glu
103                               345           350
104 Thr Leu Tyr Asn Asn Leu Val Asn Lys Ile

```

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/057,532A

DATE: 10/18/2002  
 TIME: 15:34:42

Input Set : A:\PTO.AMC.TXT  
 Output Set: N:\CRF4\10182002\J057532A.raw

```

105          355          360
106 Asp Asp Tyr Leu Ile Asn Leu Lys Ala Lys
107          365          370
108 Ile Asn Asp Cys Asn Val Glu Lys Asp Glu
109          375          380
110 Ala His Val Lys Ile Thr Lys Leu Ser Asp
111          385          390
112 Leu Lys Ala Ile Asp Asp Lys Ile Asp Leu
113          395          400
114 Phe Lys Asn Pro Tyr Asp Phe Glu Ala Ile
115          405          410
116 Lys Lys Leu Ile Asn Asp Asp Thr Lys Lys
117          415          420
118 Asp Met Leu Gly Lys Leu Leu Ser Thr Gly
119          425          430
120 Leu Val Gln Asn Phe Pro Asn Thr Ile Ile
121          435          440
122 Ser Lys Leu Ile Glu Gly Lys Phe Gln Asp
123          445          450
124 Met Leu Asn Ile Ser Gln His Gln Cys Val
125          455          460
126 Lys Lys Gln Cys Pro Glu Asn Ser Gly Cys
127          465          470
128 Phe Arg His Leu Asp Glu Arg Glu Glu Cys
129          475          480
130 Lys Cys Leu Leu Asn Tyr Lys Gln Glu Gly
131          485          490
132 Asp Lys Cys Val Glu Asn Pro Asn Pro Thr
133          495          500
134 Cys Asn Glu Asn Asn Gly Gly Cys Asp Ala
135          505          510
136 Asp Ala Thr Cys Thr Glu Glu Asp Ser Gly
137          515          520
138 Ser Ser Arg Lys Lys Ile Thr Cys Glu Cys
139          525          530
140 Thr Lys Pro Asp Ser Tyr Pro Leu Phe Asp
141          535          540
142 Gly Ile Phe Cys Ser Ser
143          545
145 <210> SEQ ID NO: 2
147 <211> LENGTH: 431
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial sequence

```

W--> 150 <220> FEATURE:

151 <223> OTHER INFORMATION: E. coli expressed P. falciparum MSP142 (3D7) Protein  
 Sequence in

152 pET(50)MSP1-42

W--> 153 <400> SEQUENCE: 2

```

154 Met His His His His His His Ser Ser Gly
155 1          5          10

```

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/057,532A

DATE: 10/18/2002  
 TIME: 15:34:42

Input Set : A:\PTO.AMC.TXT  
 Output Set: N:\CRF4\10182002\J057532A.raw

```

156 Leu Val Pro Arg Gly Ser Gly Met Lys Glu
157                               15      20
158 Thr Ala Ala Ala Lys Phe Glu Arg Gln His
159                               25      30
160 Met Asp Ser Pro Asp Leu Gly Thr Asp Asp
161                               35      40
162 Asp Asp Lys Ala Met Ala Asp Ile Gly Ser
163                               45      50
164 Ile Glu Gly Arg Gly Thr Met Ala Ile Ser
165                               55      60
166 Val Thr Met Asp Asn Ile Leu Ser Gly Phe
167                               65      70
168 Glu Asn Glu Tyr Asp Val Ile Tyr Leu Lys
169                               75      80
170 Pro Leu Ala Gly Val Tyr Arg Ser Leu Lys
171                               85      90
172 Lys Gln Ile Glu Lys Asn Ile Phe Thr Phe
173                               95     100
174 Asn Leu Asn Leu Asn Asp Ile Leu Asn Ser
175                              105     110
176 Arg Leu Lys Lys Arg Lys Tyr Phe Leu Asp
177                              115     120
178 Val Leu Glu Ser Asp Leu Met Gln Phe Lys
179                              125     130
180 His Ile Ser Ser Asn Glu Tyr Ile Ile Glu
181                              135     140
182 Asp Ser Phe Lys Lys Leu Asn Ser Glu Gln
183                              145     150
184 Lys Asn Thr Leu Leu Lys Ser Tyr Lys Tyr
185                              155     160
186 Ile Lys Glu Ser Val Glu Asn Asp Ile Lys
187                              165     170
188 Phe Ala Gln Glu Gly Ile Ser Tyr Tyr Glu
189                              175     180
190 Lys Val Leu Ala Lys Tyr Lys Asp Asp Leu
191                              185     190
192 Glu Ser Ile Lys Lys Val Ile Lys Glu Glu
193                              195     200
194 Lys Glu Lys Phe Pro Ser Ser Pro Pro Thr
195                              205     210
196 Thr Pro Pro Ser Pro Ala Lys Thr Asp Glu
197                              215     220
198 Gln Lys Lys Glu Ser Lys Phe Leu Pro Phe
199                              225     230
200 Leu Thr Asn Ile Glu Thr Leu Tyr Asn Asn
201                              235     240
202 Leu Val Asn Lys Ile Asp Asp Tyr Leu Ile
203                              245     250
204 Asn Leu Lys Ala Lys Ile Asn Asp Cys Asn

```

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/057,532A

DATE: 10/18/2002  
 TIME: 15:34:42

Input Set : A:\PTO.AMC.TXT  
 Output Set: N:\CRF4\10182002\J057532A.raw

205		255		260
206	Val Glu Lys Asp	Glu Ala His Val Lys Ile		
207		265		270
208	Thr Lys Leu Ser	Asp Leu Lys Ala Ile Asp		
209		275		280
210	Asp Lys Ile Asp	Leu Phe Lys Asn Pro Tyr		
211		285		290
212	Asp Phe Glu Ala	Ile Lys Lys Leu Ile Asn		
213		295		300
214	Asp Asp Thr Lys	Lys Asp Met Leu Gly Lys		
215		305		310
216	Leu Leu Ser Thr	Gly Leu Val Gln Asn Phe		
217		315		320
218	Pro Asn Thr Ile	Ile Ser Lys Leu Ile Glu		
219		325		330
220	Gly Lys Phe Gln	Asp Met Leu Asn Ile Ser		
221		335		340
222	Gln His Gln Cys	Val Lys Lys Gln Cys Pro		
223		345		350
224	Glu Asn Ser Gly	Cys Phe Arg His Leu Asp		
225		355		360
226	Glu Arg Glu Glu	Cys Lys Cys Leu Leu Asn		
227		365		370
228	Tyr Lys Gln Glu	Gly Asp Lys Cys Val Glu		
229		375		380
230	Asn Pro Asn Pro	Thr Cys Asn Glu Asn Asn		
231		385		390
232	Gly Gly Cys Asp	Ala Asp Ala Thr Cys Thr		
233		395		400
234	Glu Glu Asp Ser	Gly Ser Ser Arg Lys Lys		
235		405		410
236	Ile Thr Cys Glu	Cys Thr Lys Pro Asp Ser		
237		415		420
238	Tyr Pro Leu Phe	Asp Gly Ile Phe Cys Ser		
239		425		430
240	Ser			

242 <210> SEQ ID NO: 3

244 <211> LENGTH: 393

245 <212> TYPE: PRT

246 <213> ORGANISM: Artificial sequence

W--> 247 <220> FEATURE:

248 <223> OTHER INFORMATION: E. coli expressed P. falciparum MSP142 (3D7) Protein  
 Sequence in pET42A

W--> 249 <400> SEQUENCE: 3

250	Met Ala His His	His His His Pro Gly		
251	1	5		10
252	Gly Ser Ile Glu	Gly Arg Gly Thr Met Ala		
253		15		20
254	Ile Ser Val Thr	Met Asp Asn Ile Leu Ser		
255		25		30

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/057,532A

DATE: 10/18/2002  
TIME: 15:34:43

Input Set : A:\PTO.AMC.TXT  
Output Set: N:\CRF4\10182002\J057532A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 32



## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/057,532A

DATE: 10/18/2002

TIME: 15:34:43

Input Set : A:\PTO.AMC.TXT

Output Set: N:\CRF4\10182002\J057532A.raw

L:31 M:283 W: Missing Blank Line separator, <220> field identifier  
L:33 M:283 W: Missing Blank Line separator, <400> field identifier  
L:150 M:283 W: Missing Blank Line separator, <220> field identifier  
L:153 M:283 W: Missing Blank Line separator, <400> field identifier  
L:247 M:283 W: Missing Blank Line separator, <220> field identifier  
L:249 M:283 W: Missing Blank Line separator, <400> field identifier  
L:336 M:283 W: Missing Blank Line separator, <400> field identifier  
L:373 M:283 W: Missing Blank Line separator, <400> field identifier  
L:455 M:283 W: Missing Blank Line separator, <220> field identifier  
L:457 M:283 W: Missing Blank Line separator, <400> field identifier  
L:494 M:283 W: Missing Blank Line separator, <220> field identifier  
L:496 M:283 W: Missing Blank Line separator, <400> field identifier  
L:582 M:283 W: Missing Blank Line separator, <220> field identifier  
L:584 M:283 W: Missing Blank Line separator, <400> field identifier  
L:591 M:283 W: Missing Blank Line separator, <220> field identifier  
L:593 M:283 W: Missing Blank Line separator, <400> field identifier  
L:603 M:283 W: Missing Blank Line separator, <220> field identifier  
L:605 M:283 W: Missing Blank Line separator, <400> field identifier  
L:613 M:283 W: Missing Blank Line separator, <220> field identifier  
L:615 M:283 W: Missing Blank Line separator, <400> field identifier  
L:624 M:283 W: Missing Blank Line separator, <220> field identifier  
L:626 M:283 W: Missing Blank Line separator, <400> field identifier



1600

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/057,532A

DATE: 10/18/2002  
TIME: 15:33:13

Input Set : A:\Sequence.txt  
Output Set: N:\CRF4\10182002\J057532A.raw

Does Not Comply  
Corrected Diskette Needed

W--> 3 /14  
10 <110> APPLICANT: Lyon, Jeffrey A.  
11 Angov, Evelina  
12 Cohen, Joe D.  
13 Voss, Gerald  
15 <120> TITLE OF INVENTION: Recombinant P. falciparum Merozoite Protein-142 Vaccine  
17 <130> FILE REFERENCE: 003/238/SAP  
19 <140> CURRENT APPLICATION NUMBER: US 10/057,532A  
21 <141> CURRENT FILING DATE: 2002-01-25  
23 <150> PRIOR APPLICATION NUMBER: US 60/264,535, US 60/347,564  
W--> 25 <151> PRIOR FILING DATE: 2001-01-26, 2001-10-26  
27 <160> NUMBER OF SEQ ID NOS: 12  
29 <170> SOFTWARE: Apple Macintosh Microsoft Word 6.0

List these Separately

# ERRORED SEQUENCES

149 <210> SEQ ID NO: 2  
151 <211> LENGTH: 431  
152 <212> TYPE: PRT  
153 <213> ORGANISM: Artificial sequence  
W- 154 <220> FEATURE:  
155 <223> OTHER INFORMATION: E. coli expressed P. falciparum MSP142 (3D7) Protein  
Sequence in pET(50)MSP1-42  
W- 156 <400> SEQUENCE: 2  
157 Met His His His His His His Ser Ser Gly  
158 1 5 10  
159 Leu Val Pro Arg Gly Ser Gly Met Lys Glu  
160 15 20  
161 Thr Ala Ala Ala Lys Phe Glu Arg Gln His  
162 25 30  
163 Met Asp Ser Pro Asp Leu Gly Thr Asp Asp  
164 35 40  
165 Asp Asp Lys Ala Met Ala Asp Ile Gly Ser  
166 45 50  
167 Ile Glu Gly Arg Gly Thr Met Ala Ile Ser  
168 55 60  
169 Val Thr Met Asp Asn Ile Leu Ser Gly Phe  
170 65 70  
171 Glu Asn Glu Tyr Asp Val Ile Tyr Leu Lys  
172 75 80  
173 Pro Leu Ala Gly Val Tyr Arg Ser Leu Lys  
174 85 90  
175 Lys Gln Ile Glu Lys Asn Ile Phe Thr Phe

P-2

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/057,532A

DATE: 10/18/2002  
 TIME: 15:33:13

Input Set : A:\Sequence.txt  
 Output Set: N:\CRF4\10182002\J057532A.raw

176		95		100
177	Asn	Leu	Asn	Leu
178		105		110
179	Arg	Leu	Lys	Leu
180		115		120
181	Val	Leu	Glu	Leu
182		125		130
183	His	Ile	Ser	Leu
184		135		140
185	Asp	Ser	Phe	Leu
186		145		150
187	Lys	Asn	Thr	Leu
188		155		160
189	Ile	Lys	Glu	Leu
190		165		170
191	Phe	Ala	Gln	Glu
192		175		180
193	Lys	Val	Leu	Ala
194		185		190
195	Glu	Ser	Ile	Lys
196		195		200
197	Lys	Glu	Lys	Phe
198		205		210
199	Thr	Pro	Pro	Ser
200		215		220
201	Gln	Lys	Lys	Glu
202		225		230
203	Leu	Thr	Asn	Ile
204		235		240
205	Leu	Val	Asn	Lys
206		245		250
207	Asn	Leu	Lys	Ala
208		255		260
209	Val	Glu	Lys	Asp
210		265		270
211	Thr	Lys	Leu	Ser
212		275		280
213	Asp	Lys	Ile	Asp
214		285		290
215	Asp	Phe	Glu	Ala
E--> 216		(395) 295		300
217	Asp	Asp	Thr	Lys
218		305		310
219	Leu	Leu	Ser	Thr
220		315		320
221	Pro	Asn	Thr	Ile
222		325		330
223	Gly	Lys	Phe	Gln
224		335		340

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/057,532A

DATE: 10/18/2002

TIME: 15:33:13

Input Set : A:\Sequence.txt

Output Set: N:\CRF4\10182002\J057532A.raw

225	Gln	His	Gln	Cys	Val	Lys	Lys	Gln	Cys	Pro	
226					345					350	
227	Glu	Asn	Ser	Gly	Cys	Phe	Arg	His	Leu	Asp	
228					355					360	
229	Glu	Arg	Glu	Glu	Cys	Lys	Cys	Leu	Leu	Asn	
230					365					370	
231	Tyr	Lys	Gln	Glu	Gly	Asp	Lys	Cys	Val	Glu	
232					375					380	
233	Asn	Pro	Asn	Pro	Thr	Cys	Asn	Glu	Asn	Asn	
234					385					390	
235	Gly	Gly	Cys	Asp	Ala	Asp	Ala	Thr	Cys	Thr	
236					395					400	
237	Glu	Glu	Asp	Ser	Gly	Ser	Ser	Arg	Lys	Lys	
238					405					410	
239	Ile	Thr	Cys	Glu	Cys	Thr	Lys	Pro	Asp	Ser	
240					415					420	
241	Tyr	Pro	Leu	Phe	Asp	Gly	Ile	Phe	Cys	Ser	
242					425					430	
243	Ser										

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/057,532A

DATE: 10/18/2002  
TIME: 15:33:14

Input Set : A:\Sequence.txt  
Output Set: N:\CRF4\10182002\J057532A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 36  
Seq#:2; Line(s) 155

## VERIFICATION SUMMARY

DATE: 10/18/2002

PATENT APPLICATION: US/10/057,532A

TIME: 15:33:14

Input Set : A:\Sequence.txt

Output Set: N:\CRF4\10182002\J057532A.raw

L:3 M:259 W: Allowed number of lines exceeded, (1) GENERAL INFORMATION:  
L:25 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:35 M:283 W: Missing Blank Line separator, <220> field identifier  
L:37 M:283 W: Missing Blank Line separator, <400> field identifier  
L:154 M:283 W: Missing Blank Line separator, <220> field identifier  
L:156 M:283 W: Missing Blank Line separator, <400> field identifier  
L:216 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2  
L:250 M:283 W: Missing Blank Line separator, <220> field identifier  
L:252 M:283 W: Missing Blank Line separator, <400> field identifier  
L:339 M:283 W: Missing Blank Line separator, <400> field identifier  
L:376 M:283 W: Missing Blank Line separator, <400> field identifier  
L:458 M:283 W: Missing Blank Line separator, <220> field identifier  
L:460 M:283 W: Missing Blank Line separator, <400> field identifier  
L:497 M:283 W: Missing Blank Line separator, <220> field identifier  
L:499 M:283 W: Missing Blank Line separator, <400> field identifier  
L:585 M:283 W: Missing Blank Line separator, <220> field identifier  
L:587 M:283 W: Missing Blank Line separator, <400> field identifier  
L:594 M:283 W: Missing Blank Line separator, <220> field identifier  
L:596 M:283 W: Missing Blank Line separator, <400> field identifier  
L:606 M:283 W: Missing Blank Line separator, <220> field identifier  
L:608 M:283 W: Missing Blank Line separator, <400> field identifier  
L:616 M:283 W: Missing Blank Line separator, <220> field identifier  
L:618 M:283 W: Missing Blank Line separator, <400> field identifier  
L:627 M:283 W: Missing Blank Line separator, <220> field identifier  
L:629 M:283 W: Missing Blank Line separator, <400> field identifier